



Eastern Analytical, Inc.

professional laboratory and drilling services

E.J. Malone

Powder Mill Fish Hatchery (NH Fish&Game)

288 Merrymeeting Road

New Durham , NH 03855



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 176819

Client Identification: None

Date Received: 12/7/2017

Dear Mr. Malone :

Enclosed please find the report of analysis for the above identified project.
As discussed, analyses were subcontracted and are listed as follows:

Analysis: Subcontract - Formaldehyde 8315A Aqueous (PEL)

Subcontractor Lab: Phoenix Environmental Laboratories, Inc.

A complete copy of the report is attached. This report may not be reproduced except in full, without the written approval of the laboratory.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,

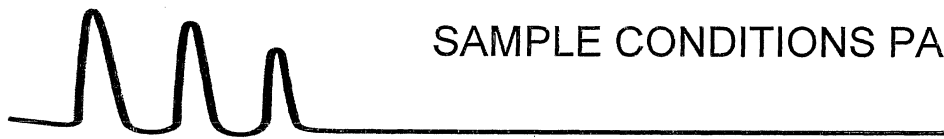
Lorraine Olashaw, Lab Director

12.19.17

Date

8

of pages (excluding cover letter)



SAMPLE CONDITIONS PAGE

EAI ID#: 176819

Client: Powder Mill Fish Hatchery (NH Fish&Game)

Client Designation: None

Temperature upon receipt (°C): 7.9

Received on ice or cold packs (Yes/No): Y

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
176819.01	Outfall 002	12/7/17	12/7/17	aqueous		Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis. Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater, 20th Edition, 1998 and 22nd Edition, 2012
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992



Monday, December 11, 2017

Attn: Front Office
Eastern Analytical
25 Chenell Drive
Concord, NH 03301

Project ID: 176819
Sample ID#s: BZ53924

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in cursive script that reads "Phyllis Shiller".

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

December 11, 2017

FOR: Attn: Front Office
Eastern Analytical
25 Chenell Drive
Concord, NH 03301

Sample Information

Matrix: WATER
Location Code: EASTANAL
Rush Request: Standard
P.O.#: 47327

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

<u>Date</u>	<u>Time</u>
12/07/17	10:13
12/08/17	14:42

Laboratory Data

SDG ID: GBZ53924
Phoenix ID: BZ53924

Project ID: 176819
Client ID: OUTFALL 002

Parameter	Result	RL/ PQL	LOD/ MDL	Units	Dilution	Date/Time	By	Reference
Formaldehyde Prep by HPLC	Completed					12/08/17	Z/BF/N	
Formaldehyde	28	J 50	25	ug/L	1	12/10/17	MH	E1667/SW8315A

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low J=Estimated Below RL LOD=Limit of Detection MDL=Method Detection Limit1

Comments:

If there are any questions regarding this data, please call Phoenix Client Services.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

December 11, 2017

Reviewed and Released by: Bobbi Aloisa, Vice President



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QA/QC Report

December 11, 2017

QA/QC Data

SDG I.D.: GBZ53924

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 412371 (ug/L), QC Sample No: BZ53924 (BZ53924)										
Formaldehyde	ND	50	108			108			30 - 130	20

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis/Shiller, Laboratory Director
December 11, 2017

Monday, December 11, 2017

Criteria: None

State: NH

Sample Criteria Exceedances Report

GBZ53924 - EASTANAL

SampleNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL	Analysis Criteria Units
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*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedances. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.



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Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Comments

December 11, 2017

SDG I.D.: GBZ53924

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

CHAIN-OF-CUSTODY RECORD

eastern analytical
professional laboratory services

210411P

EAL ID# 176819

Page 1

Sample ID

Date Sampled Matrix

aParameters

Sample Notes

Outfall 002

12/7/2017

aqueous

Subcontract - Formaldehyde 8315A (PEL)

10:13

53924

EAL ID# 176819

Project State: NH

Project ID: 784

Company Phoenix Environmental Labs

Address 587 East Middle Turnpike

Address Manchester, CT 06040

Account #

Phone # (860) 645-1102

Fax Number 860 645-0823

Eastern Analytical, Inc. 25 Chenell Dr. Concord, NH 03301

Phone: (603)228-0525

1-800-287-0525

PO #: 47327

EAL ID# 176819

Please call prior to analyzing, if RUSH surcharges will be applied.

Results Needed by: Preferred date

QC Deliverables

☒ A ☐ A+ ☐ B ☐ B+ ☐ C ☐ P.

Notes about project:

Email pdf of results and invoice to
customerservice@eallabs.com.

Samples Collected by:

Relinquished by

Relinquished by

Relinquished by

Date/Time

Date/Time

Date/Time

Received by

Received by

Received by

Fax: (603)228-4591

Received by

12-8-17 14:42

As a subcontract lab to EAL, you will defend, indemnify and hold Eastern Analytical, Inc., its officers, employees, and agents harmless from and against any and all liability, loss, expense or claims for injury or damages arising out of the performance against this chain of custody but only in proportion to and to the extent such liability, loss, expense, or claims for injury or damages are caused by or result from the negligent or intentional acts or omissions of you as a subcontract lab, your officers, agents or employees

b

	SAMPLE I.D.	SAMPLING DATE / TIME *IF COMPOSITE, INDICATE BOTH START & FINISH DATE / TIME	MATRIX (SEE BELOW)	GRAB/*COMPOSITE	VOC	SVOC	TCLP METALS	INORGANICS	MICRO	OTHER	
00-A-911 602	12/8/17 10:34M	G-	524.2 524.2 BTEX 524.2 MTBE ONLY 8260 624 VTICS I, 4 DIOXANE 8021 BTEX HALOS 8015 GRO MAVPH 8270 625 SVTICS EDB DBCP ABN A BN PAH TPH8100 LI L2 8015 DRO MAEPH PEST 608 PCB 608 PEST 8081 PCB 8082 OIL & GREASE 1664 TPH 1664 TCLP 1311 ABN METALS VOC PEST HERB DISSOLVED METALS (LIST BELOW) TOTAL METALS (LIST BELOW) TS TSS TDS SPEC. CON. Br Cl F SO ₄ NO ₂ NO ₃ NO ₃ NO ₂ BOD CBOD T. ALK. TKN NH ₃ T. PHOS. O. PHOS. pH T. RES. CHLORINE COD PHENOLS TOC DOC TOTAL CYANIDE TOTAL SULFIDE REACTIVE CYANIDE REACTIVE SULFIDE FLASHPOINT IGNITABILITY TOTAL COLIFORM E. COLI FECAL COLIFORM ENTEROCOCCI HETEROTROPHIC PLATE COUNT # OF CONTAINERS	FORMALIN	MeOH Vol. #						

25 CHENELL DRIVE | CONCORD, NH 03301 | TEL: 603.228.0525 | 1.800.287.0525 | E-MAIL: CUSTOMERSERVICE@EASTERNANALYTICAL.COM | WWW.EASTERNANALYTICAL.COM

(WHITE: ORIGINAL GREEN: PROJECT MANAGER)